

# INSTALLATION



## ICS090-PWI and ICS090-PBI Pendant Mount Adapter



**C2215M (2/05)**



# Important Safety Instructions

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1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Only use attachments/accessories specified by the manufacturer.
6. Installation should be done only by qualified personnel and conform to all local codes.
7. Unless the unit is specifically marked as a NEMA Type 3, 3R, 3S, 4, 4X, 6, or 6P enclosure, it is designed for indoor use only and it must not be installed where exposed to rain and moisture.
8. Only use replacement parts recommended by Pelco.

# Description

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The ICS090-PWI and ICS090-PBI are pendant mount adapters specifically designed for the ICS090 Camclosure® integrated camera system. The pendant adapters modify the surface mount Camclosure domes for pendant installations using a 1.5-inch NPT mount, such as an SWM Series or IWM Series mount. The ICS090-PWI and ICS090-PBI adapters are also compatible with 0.75-inch NPT pipe and 20 mm threaded conduit.

## MODELS

ICS090-PWI    Pendant mount adapter, white

ICS090-PBI    Pendant mount adapter, black

## Installation

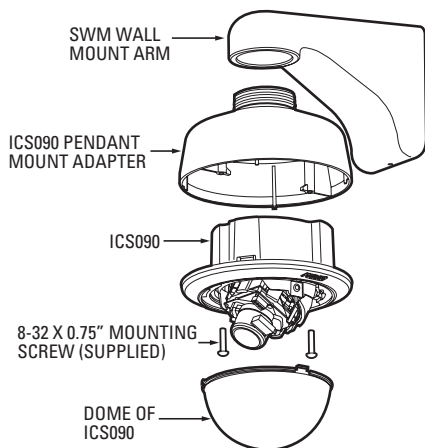
To install the ICS090-PWI/ICS090-PBI refer to Figure 1 and Figure 2 and do the following:

1. Install the 1.5-inch NPT mount, 0.75-inch NPT pipe, or 20 mm threaded conduit. Feed the power and video wiring for the system through the mount/pipe.
2. Feed wires through the center of the mount adapter, and then attach the ICS090-PWI/ICS090-PBI to the mount/pipe. If you are installing the pendant adapter on a 0.75-inch NPT pipe or 20 mm threaded conduit place the cosmetic thread cover over the pipe before installing the pendant adapter (refer to Figure 2).
3. Remove the bubble from the ICS090 Camclosure back box. To remove the bubble from the ICS090, turn it counterclockwise and lift it from the unit. Place the bubble on a nonabrasive surface. If the unit is supplied with a liner, remove the liner by gently lifting it from the unit. Place the liner to the side; it will be reinstalled along with the bubble after the installation has been completed.
4. Select one of the following methods and connect the video wiring.  
  
BNC — Connect the BNC connector from the Camclosure to a mating BNC connector.  
  
Twisted Pair — Blue wire = Video +  
                            Gray wire = Video -
5. Connect the power wires for the system.

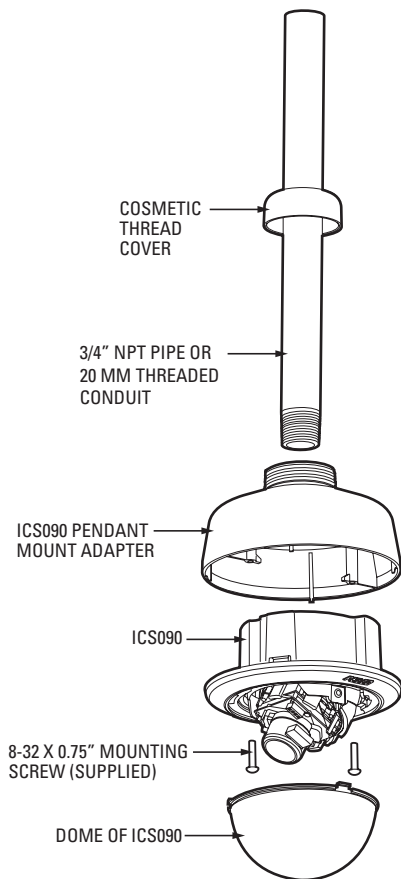
Voltage	Red Wire	Black Wire
12 VDC	+	Ground
24 VAC	~	~

**AC operation only:** If you are wiring more than one ICS090 Camclosure system to the same transformer, connect one side of the transformer to the red wire on all units, and connect the other side of the transformer to the black wire on all units. Failure to connect all of the units the same way will cause the cameras to be out of phase with each other and may produce a vertical roll when switching between cameras.

6. Using the provided mounting screws, attach the back box to the mount adapter.
7. To position and adjust the camera, and to reinstall the liner and bubble, refer to the Installation and Operation manual supplied with the ICS090 Camclosure integrated camera system.



**Figure 1.** 1.5-Inch NPT Installation



**Figure 2.** 0.75-Inch NPT or 20 mm Threaded Conduit Installation

# Specifications

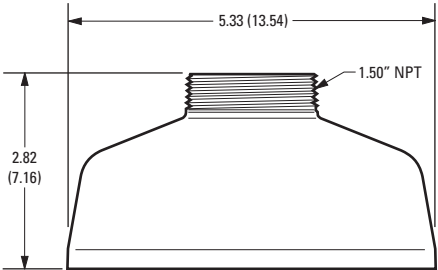
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## MECHANICAL

Mounting Method                      Attach to the ICS090 with supplied hardware to a mount with 1.5-inch NPT pipe, 0.75-inch NPT pipe or 20 mm threaded conduit

## GENERAL

Construction	ABS plastic
Finish	White or black
Unit Weight	0.24 lb (0.11 kg)
Shipping Weight	1.0 lb (0.45 kg)



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS;  
ALL OTHERS ARE IN INCHES.

## PRODUCT WARRANTY AND RETURN INFORMATION

### WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products and the following fixed camera models: CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and CC3651H-2X.
- Three years on all other fixed camera models (including Camclosure® Integrated Camera Systems) and Genex® Series (multiplexers, server, and keyboard).
- Two years on all standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM8500/CM9500/CM9700 Series Matrix, DF5 and DF8 Series Fixed Dome products.
- Two years on Spectra®, Esprit®, and PS20 Scanners, including when used in continuous motion applications.
- Two years on Esprit® and VVV5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders and NVR300 Series network video recorders, and all Endura™ Series distributed network based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

### RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

*If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:*

Service Department  
Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699

*If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:*

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors  
473 Eccles Avenue  
South San Francisco, CA 94080 USA  
Phone: 650-737-1700  
Fax: 650-737-0933

### REVISION HISTORY

Manual #	Date	Comments
C2215M	2/05	Original manual



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